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Notes ID: E0D0D71E5B29F6AE85257869005580F6

From: Karl Gustavson/DC/USEPA/US

To: "Bradley, Daniel J NAE" <Daniel.J.Bradley@usace.army.mil>

Copy To: "Murray, Maureen T NAE" <Maureen.T.Murray@usace.army.mil>; Carl.F.Cerco@usace.army.mil; Earl.Hayter@usace.army.mil; joe.z.gailani@erdc.usace.army.mil; Dave Dickerson/R1/USEPA/US@EPA

Delivered Date: 07/14/2008 08:47 AM EDT

Subject: RE: lower and outer NBH bathymetry

Dan and Maureen,

Thanks for such a fast response and the bathymetry data. We'll take a look at the data shortly. I was wondering if previous years' surveys had the same coverage and spatial density or if there is a time where there was particularly high resolution data. Also, are the outer and lower harbors included in these data sets?

We greatly appreciate all of your efforts,

Karl

Karl Gustavson, Ph.D.
Contaminated Sediment Liaison to US EPA
US Army Engineer Research and Development Center
Phone: 703-603-8753
Fax: 703-603-9112

▼ "Bradley, Daniel J NAE" <Daniel.J.Bradley@usace.army.mil>

"Bradley, Daniel J NAE" <Daniel.J.Bradley@usace.army.mil> 07/14/2008 07:54 AM		
	To	"Murray, Maureen T NAE" <Maureen.T.Murray@usace.army.mil>, Karl Gustavson/DC/USEPA/US@EPA
	cc	
	Subject	RE: lower and outer NBH bathymetry

Karl,

Per your request; Here is the volume file of New Bedford Harbor 2008 condition survey. If you have any questions please feel free to contact us. This is an xy-z volume file of all the data. Below is the link to the FTP server where you can retrieve this file.

Daniel Bradley
Survey Section
USACE
Civil Engineer Tech.

-----Original Message-----

From: Murray, Maureen T NAE
Sent: Saturday, July 12, 2008 2:10 PM
To: 'Gustavson.Karl@epamail.epa.gov'
Cc: Bradley, Daniel J NAE
Subject: RE: lower and outer NBH bathymetry

Hi Karl

Dan Bradley from our staff can either email you xyz files from our New Bedford Hbr project or he will place them on our ftp site. You will have them by Wednesday.

Dan, please send him the latest volume file so he has all the data.

Maureen Murray

-----Original Message-----

From: Gustavson.Karl@epamail.epa.gov [mailto:Gustavson.Karl@epamail.epa.gov]
Sent: Friday, July 11, 2008 12:40 PM
To: Murray, Maureen T NAE
Cc: dickerson.dave@epamail.epa.gov; Leitch, Robert A NAE
Subject: lower and outer NBH bathymetry

Hi Maureen,

A group of folks from ERDC are initiating a project on updating the hydrodynamic and sediment transport modeling in the New Bedford Harbor. I've been working a bit with Bob Leitch on accessing bathymetry data for New Bedford Harbor. I was wondering if you had access, or knew how to get access, to bathymetry data from the lower and outer harbor. I think we'll be able to get the high resolution data from the upper harbor but, I haven't found a source yet for the other areas. If you had any suggestions, they'd be much appreciated.

Thanks for your help,

Karl

Karl Gustavson, Ph.D.
Contaminated Sediment Liaison to US EPA
US Army Engineer Research and Development Center
Phone: 703-603-8753
Fax: 703-603-9112

----- Forwarded by Karl Gustavson/DC/USEPA/US on 07/11/2008 12:32 PM

"Leitch, Robert
A NAE"
<Robert.A.Leitch To
@usace.army.mil> Dave Dickerson/R1/USEPA/US@EPA,
Karl Gustavson/DC/USEPA/US@EPA
07/10/2008 12:08 cc
PM "Mitkevicius, K C NAE"
<K.C.Mitkevicius@usace.army.mil>
Subject
NBH bathymetry Conf. Call

Dave, Karl:
I spoke to each of you separately about a conference call w/all to discuss
the 2 ERDC efforts (CAD Cell Modeling and Hydrodynamic, Fate/Transport
Modeling).

With the many schedules, it looks like today and tomorrow aren't going to
work for the call.

As there is no pressing need for the call, perhaps it makes most sense for
Karl to get the bathy info from Caroline Roberts at Jacobs, then talk to
Maureen Murray (USACE Survey group) @ 978-318-8526 tomorrow and then
re-evaluate the data needs of his team. This would give a clearer picture, I
believe.

Certainly Paul Schroeder and Carlos Ruiz of ERDC can also be consulted by
Karl's team for specific info.

In summary and to save man-hours, lets talk next week.

Tx

Bob

-----Original Message-----

From: Roberts, Caroline [mailto:Caroline.Roberts@Jacobs.com]
Sent: Thursday, July 10, 2008 11:35 AM
To: Fox, Steve (New Bedford); dickerson.dave@epamail.epa.gov;
Gustavson.Karl@epamail.epa.gov
Cc: Mitkevicius, K C NAE; Gouveia, Mark; L'Heureux, Paul G NAE; Leitch,
Robert A NAE
Subject: RE: NBH bathymetry... - Fox response - 2

Hi Karl,

I apologize for the slow (west coast) response.

I do have NBH bathy data for the upper harbor. The original data set is a complete survey of the entire upper harbor from 1999 (prior to any dredging activities). I also have post-dredge surveys from every year Jacobs has dredged. These datasets are for the localized dredging areas only and span from 2004 through 2007. For the Pierce Mill Cove area, I also have the most recent 2008 pre-dredge survey.

I'm not sure if you're interested in each individual survey or if you'd like one seamless view merging all the datasets into one for the most realistic view of current bottom conditions? I can provide either in just about any format imaginable.

I will call you shortly so we can discuss the areas and the appropriate file type for your needs.

Thanks,
C-

Caroline Roberts, GISP
JE Jacobs
7471 NE Bergman Road
Bainbridge Island, WA 98110
Phone: (206) 201-3122
caroline.roberts@jacobs.com

-----Original Message-----

From: Fox, Steve (New Bedford)
Sent: Thursday, July 10, 2008 7:05 AM
To: 'dickerson.dave@epamail.epa.gov'; Gustavson.Karl@epamail.epa.gov
Cc: Roberts, Caroline; K.C.Mitkevicius@nae02.usace.army.mil; Gouveia, Mark;
paul.g.l'heureux@usace.army.mil; Robert.A.Leitch@usace.army.mil
Subject: RE: NBH bathymetry... - Fox response - 2

Hi Dave,

Caroline has bathy for the upper harbor, which will be a conglomeration of the 1999 bathymetric survey, which has been updated with current bathymetric surveys as we have completed areas.

However, I do not believe that we have any bathy information south of the two bridges. Caroline, please correct me if I am wrong.

Thanks,

Steve

-----Original Message-----

From: dickerson.dave@epamail.epa.gov
[mailto:dickerson.dave@epamail.epa.gov]
Sent: Thursday, July 10, 2008 9:36 AM
To: Fox, Steve (New Bedford); Gustavson.Karl@epamail.epa.gov
Cc: Roberts, Caroline; K.C.Mitkevicius@nae02.usace.army.mil; Gouveia, Mark;
paul.g.l'heureux@usace.army.mil; Robert.A.Leitch@usace.army.mil
Subject: RE: NBH bathymetry... - Fox response

Steve - for this effort ERDC's interest will likely be the bathy for the entire upper and lower harbor; would Caroline be able to provide that data as well?

Corps folks - maybe your navigational dredging shop might have additional bathy beyond the Superfund dredging areas that we could make use of?

Let me know.

Thanks - Dave

"Fox, Steve
\(New Bedford\)"
<Steve.Fox@jacob To
s.com> Dave Dickerson/R1/USEPA/US@EPA,
<paul.g.l'heureux@usace.army.mil>
07/10/2008 07:35 ,
AM <K.C.Mitkevicius@nae02.usace.army
.mil>,
<Robert.A.Leitch@usace.army.mil>
cc
"Gouveia, Mark"
<Mark.Gouveia@jacobs.com>,
"Roberts, Caroline"
<Caroline.Roberts@Jacobs.com>
Subject
RE: NBH bathymetry... - Fox
response

Hi Dave,

The best person for ERDC is Caroline Roberts. She will be able to provide ERDC the bathymetric data in any format that ERDC wants for any of the areas that we have dredged.

She has final bathymetry for all of the areas that we have dredged relative to NGVD 29 (vertical). Please feel free to have them e-mail her with requests for information/data and she will be glad to help them.

Thanks,

Steve

-----Original Message-----

From: dickerson.dave@epamail.epa.gov
[mailto:dickerson.dave@epamail.epa.gov]
Sent: Wednesday, July 09, 2008 10:22 PM
To: Fox, Steve (New Bedford); paul.g.l'heureux@usace.army.mil;
K.C.Mitkevicius@nae02.usace.army.mil; Robert.A.Leitch@usace.army.mil
Subject: Fw: NBH bathymetry...

All - who's the best POC for ERDC to deal with to get our bathy data?
This is for the updated food chain modeling they are helping us with.

Thanks - Dave

----- Forwarded by Dave Dickerson/R1/USEPA/US on 07/09/2008 10:20 PM

Karl
Gustavson/DC/USE
PA/US To
Dave Dickerson/R1/USEPA/US@EPA
07/09/2008 05:28 cc
PM
Subject
NBH bathymetry...

Hey Dave,

Who should I work with to get the detailed bathymetry over time at NBH?

Thanks,

Karl

Karl Gustavson, Ph.D.
Contaminated Sediment Liaison to US EPA
US Army Engineer Research and Development Center
Phone: 703-603-8753
Fax: 703-603-9112

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